

EZChrom Elite Hardware and Software Requirements

This document lists installation requirements for EZChrom Elite family of products.

Language compatibility:

- English version of EZChrom Elite is validated on English, and Western European Language Windows.
- Localized versions of EZChrom Elite are supported on Localized Language version of Windows using default system fonts (Chinese: Simsun; Japanese: MS UI Gothic; Portuguese: MS Sans Serif).
- Non-localized instrument drivers are supported and will appear in English even when running in localized versions of EZChrom Elite.

Computer Minimum Requirements for Workstation and Clients:

This requirements and recommended configurations apply to Workstations for EZChrom SI, EZChrom Elite Compact, EZChrom Elite Workstation and EZChrom Client/Server Clients:

Type	Microsoft Operating System	CPU	RAM ¹	Disk Space	Network	Graphics
Minimum Configuration	XP Pro. SP3 with .Net 3.0 or 3.5 Or Vista Business SP1	2GHz	2GB	10GB	See instrument requirements	1024x768
Recommended Configuration	XP Pro. SP3 with .Net 3.0 or 3.5 Or Vista Business SP1	Dual Core 2Ghz	2GB	10Gb and >60% free HD space	100 Mbps or Higher	1280x1024 or higher

Client/Server Minimum Requirements

Product	Microsoft Operating System	CPU (Min.)	RAM (Minimum available)	Disk Space (Minimum available)	Available PC Slots
EZChrom Elite Client/Server EZServer	XP Pro. SP3 with .Net 3.0 or 3.5 Or Vista Business SP1	2 GHz	2 GB	10 GB	PCI slots for GPIB, SCSI. Multiport Serial or Ethernet may be required.
EZChrom Elite Client/Server Enterprise Machine	XP Pro. SP3 or Windows 2003 Server SP2 or Windows 2008 Server SP1	2 GHz	2 GB	10 GB	None
EZChrom Elite Client/Server Central File Server	Windows 2003 Server (SP2) or Windows 2008 Server (SP2)	2 GHz	2 GB	As needed*	None

Instrument Diagnostics and Maintenance

Program	Provider	Version	Notes
Lab Advisor	Agilent Technologies	B.01.03/B.01.04	Co-resident

¹ RAM total available memory for EZChrom Elite including the Operating system, but no other application.

Agilent Instrument Control (AIC) Compatibility for EZChrom Elite C/S

AIC	Operating System	CPU	RAM	Flash Mem./Disk	Supported FW/Image ²	Limited Supported Instruments ³
Rev. A	Windows XP embedded with .NET 2.0	800 MHz	1 GB	1 GB	N/A	Non-RC.Net only drivers. Limited to one PDA/DAD
Rev. B	Windows XP embedded with .NET 3.0	1.0 GHz	1 GB	2 GB	8.2.207 & 14.0.3	Up to 4 or one RC.Net or PDA/DAD instrument
5000	Windows XP embedded with .NET 3.0	2.8 GHz	1 GB	80 GB	13.1.44 & 15.0.3	N/A
DC7800	Windows XP SP2 with .Net 3.0	2.3GHz Dual-Core	2 GB	135GB	AIC SW 1.06	N/A
DC7900	Windows XP SP3 with .Net 3.0	3.0 GHz Dual-Core	2 GB	2x116GB	AIC SW 1.07	N/A

Important Notes

- Microsoft TCP/IP networking is required for all products. WAN's (wide area networks) are not supported.
- LAN Folder Sharing is required for Client/Server systems on Storage Location (Enterprise path). Distributed File Sharing (DFS) is not supported for the Enterprise Path or the Enterprise machine.
- Unless stated otherwise, Workstations, Clients and Agilent Instrument Controllers listed above, are tested and supported with any combination of 4 instruments (LC's containing PDA/DAD count as 2 instruments) with up to one Headspace or CTC Sampler running simultaneously.
- Disk Space requirements should be adjusted based on number and type of instruments, as well as archival periodicity. Agilent recommends a minimum of one year of the expected disk usage on top of the recommendation of the operating system.

Typical file sizes for reference:

- 2D data: 60min, 10Hz, 2 channel data ~400Kb
- 3D data: 60min, 10Hz, 5 channel plus spectra at 1nm resolution from 200-400nm ~150Mb
- Citrix and Terminal Servers have been tested to perform correctly with the following configuration:
 - Citrix presentation Server 4.5 running on Windows 2003 (SP2), on an HP Proliant 2.8GHz 2xDual-Core Xeon CPUs with 4GB RAM, and 100Mbps LAN with clients.
 - Citrix XenApp 5.0 running on Windows 2008 (SP2), on HP Proliant 2.8GHz 2xDual-Core Xeon CPUs with 4GB RAM, and 100Mbps LAN with clients.

Load test with 5 client sessions running 10 instruments showed about 1.5GB Server Memory usage and 10-20% CPU average use with similar client performance than native systems. Used clients met EZChrom listed requirements above. Please refer to Citrix documentation for details.

Upgrade Support

Upgrades are supported from Version 3.0 and higher to Version 3.3.2; see the Installation Guide for details. Note that in order to upgrade, your computer must satisfy stated minimum requirements for 3.3.2.

² Identify AIC firmware version by: click Start > Run, type 'cmd' in the Open field and press Enter. A DOS window appears. At the prompt, type 'set' then press Enter. The AICVERSION value is the firmware version.

³ RC.Net Instruments are identified on the Supported Modules and Firmware document in the Instrument Control Add-on DVD.